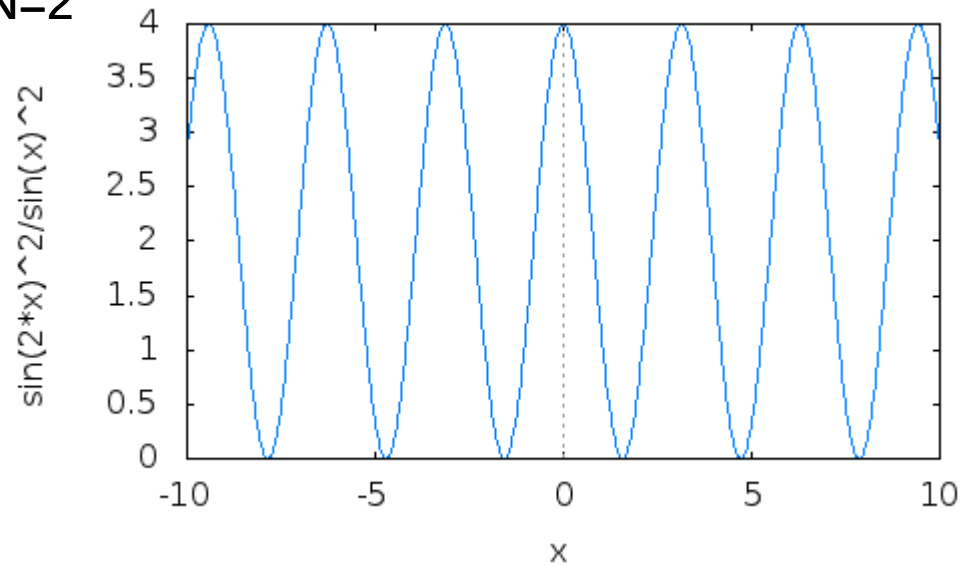
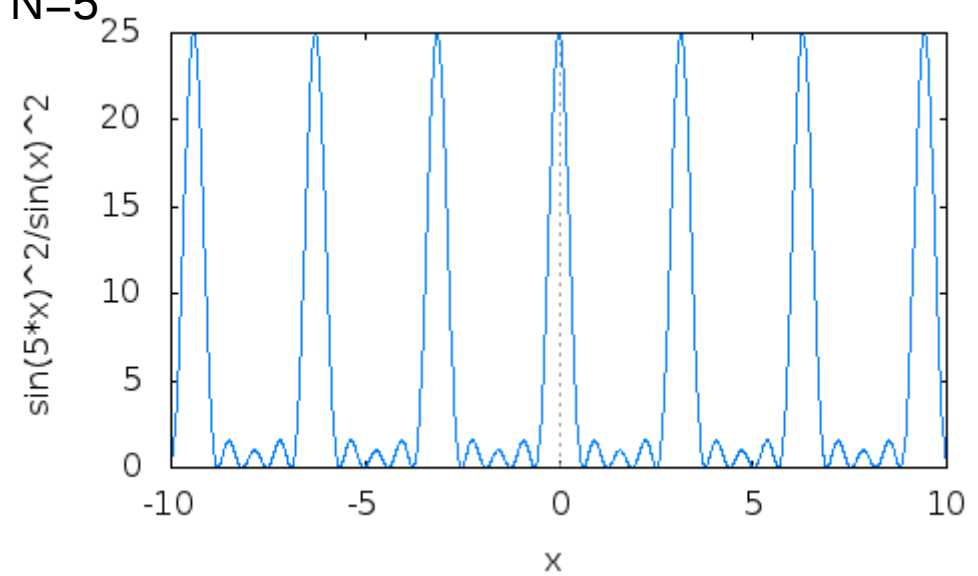


interference: multiple sources (intensity)

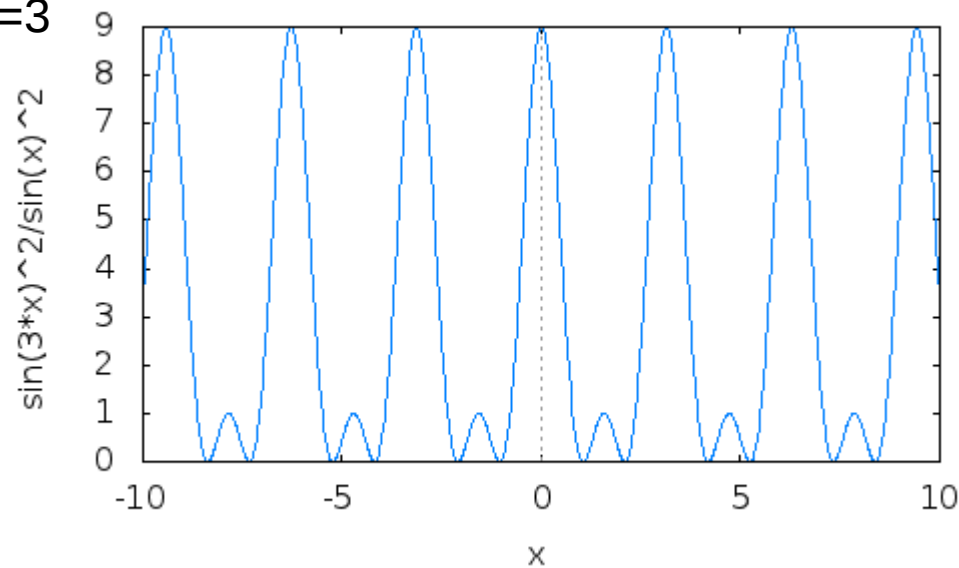
N=2



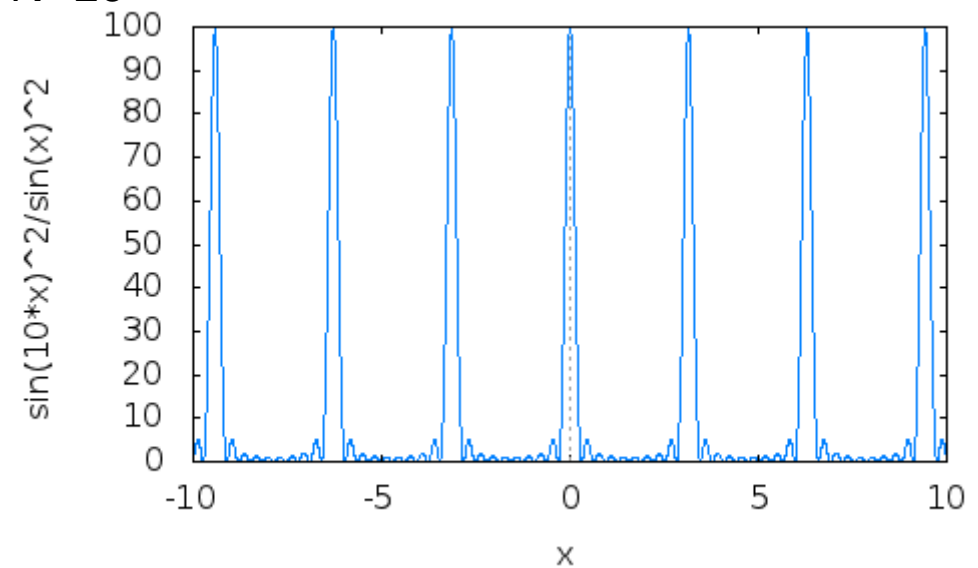
N=5



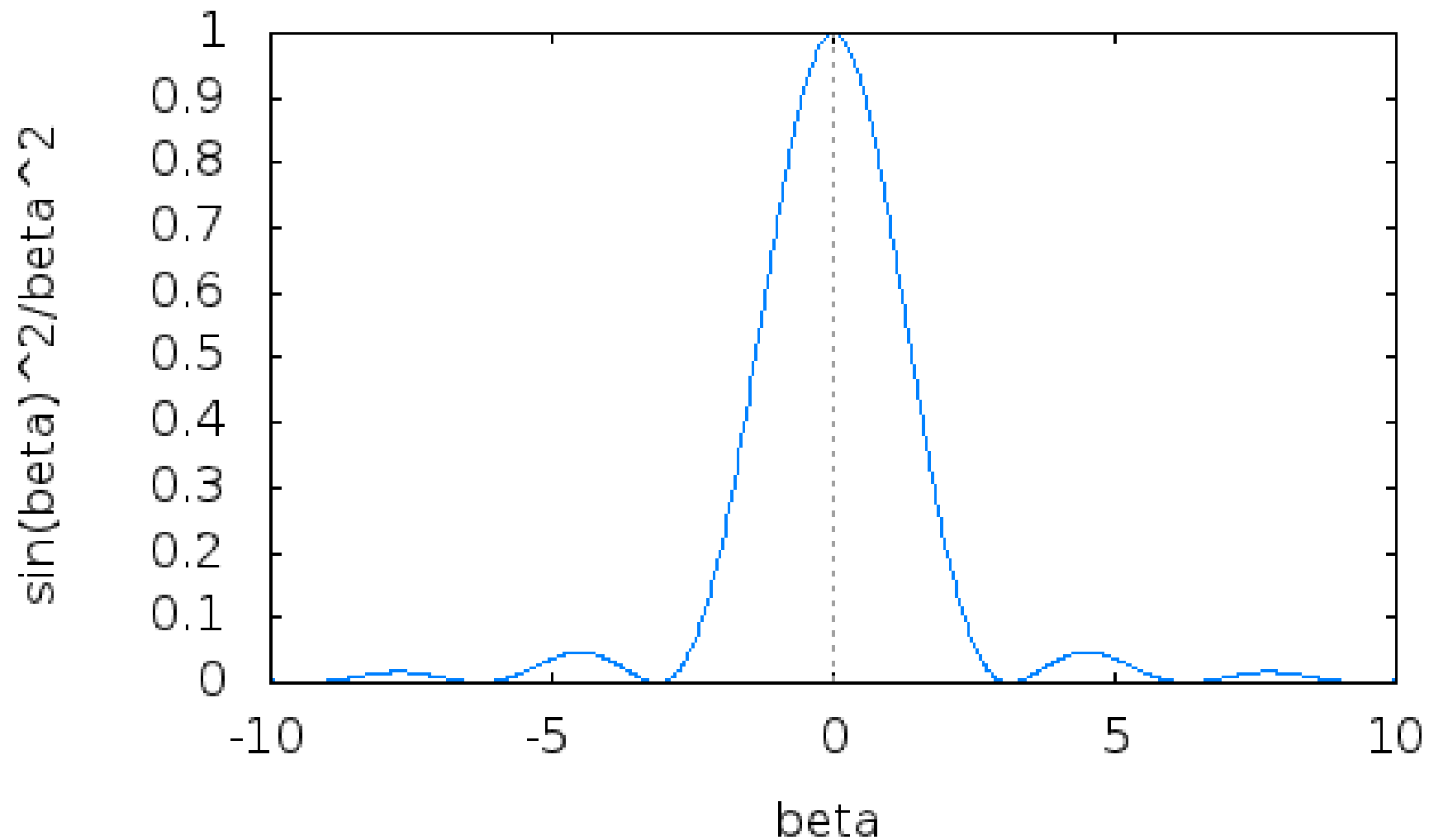
N=3



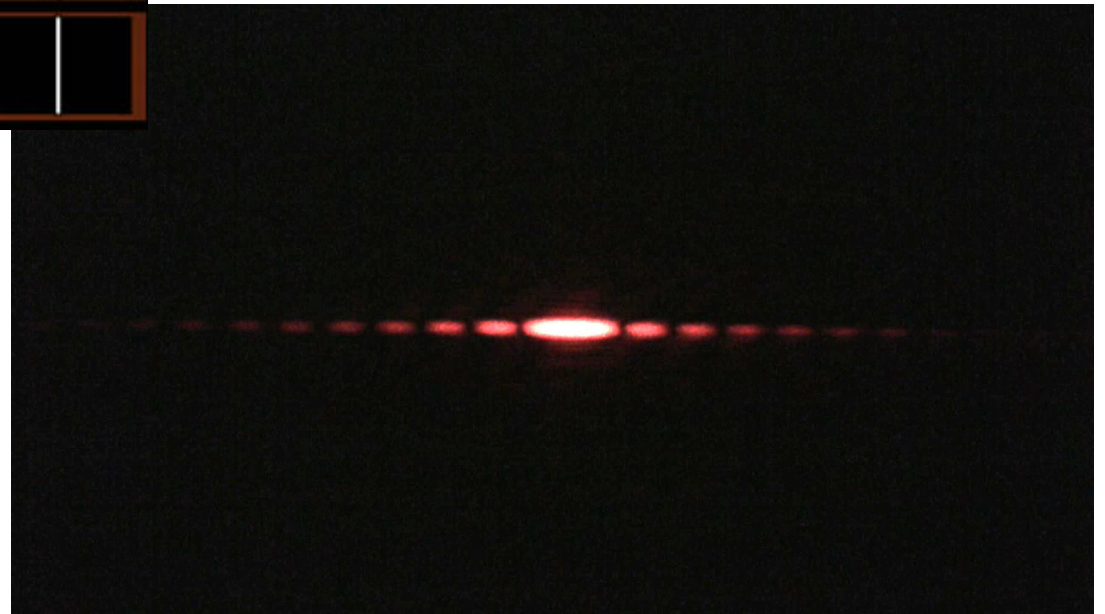
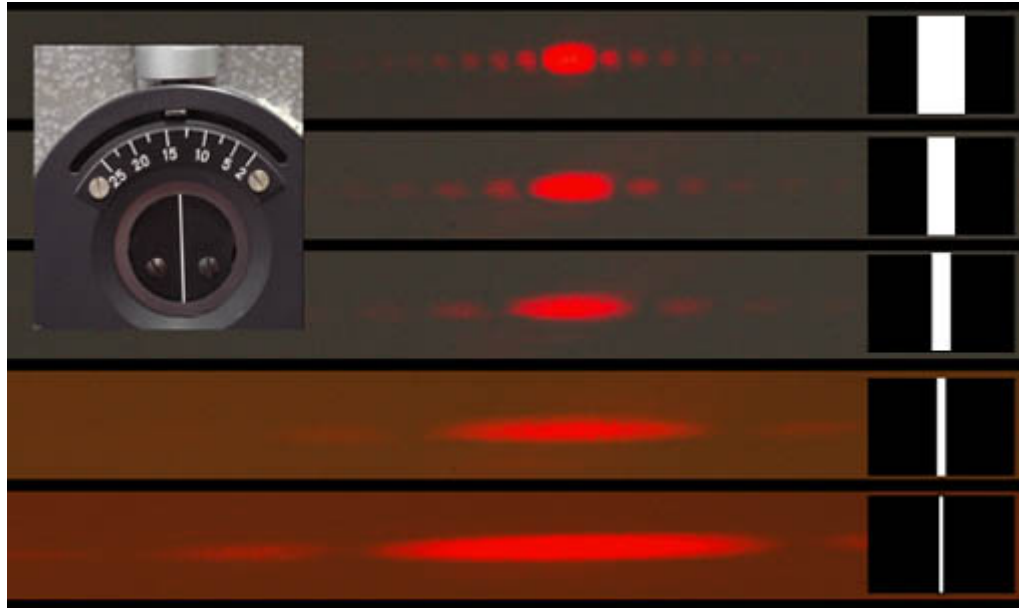
N=10



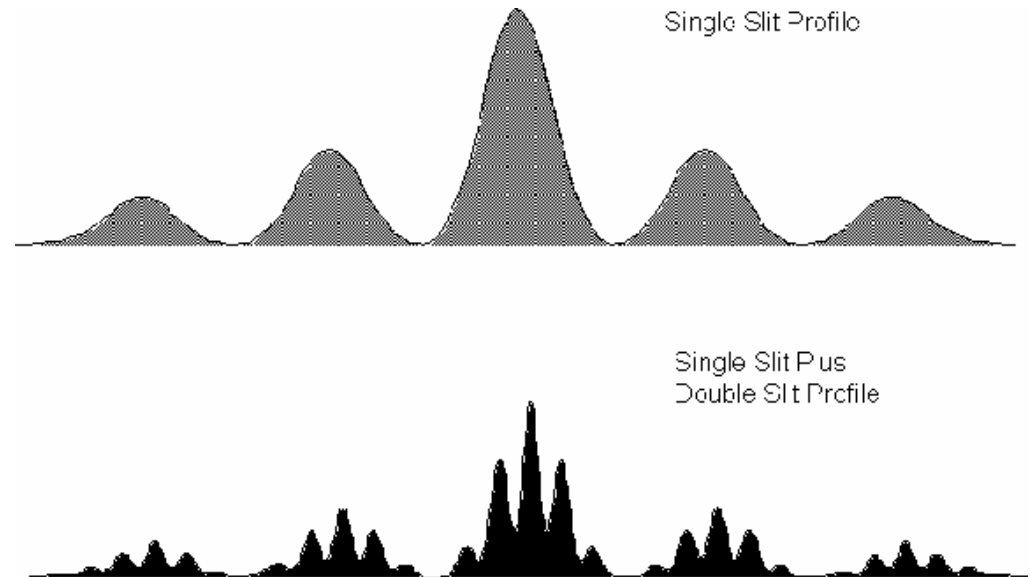
diffraction: single slit (intensity)



diffraction: single slit



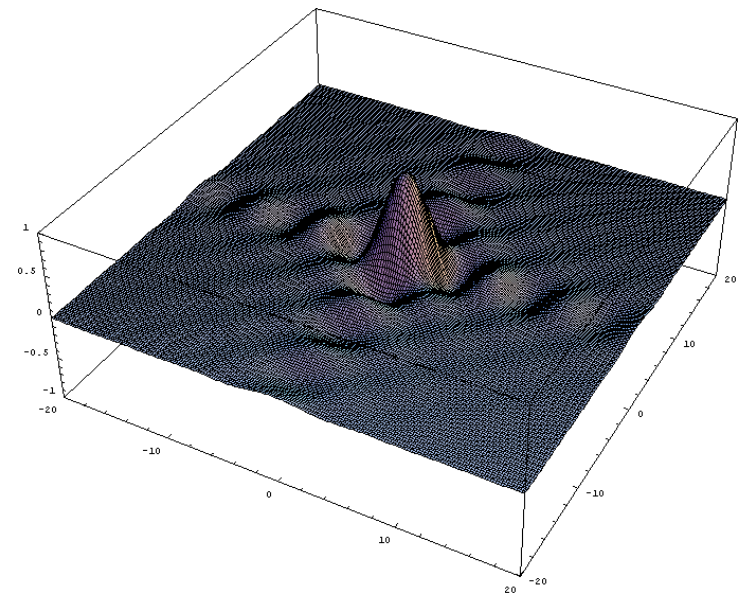
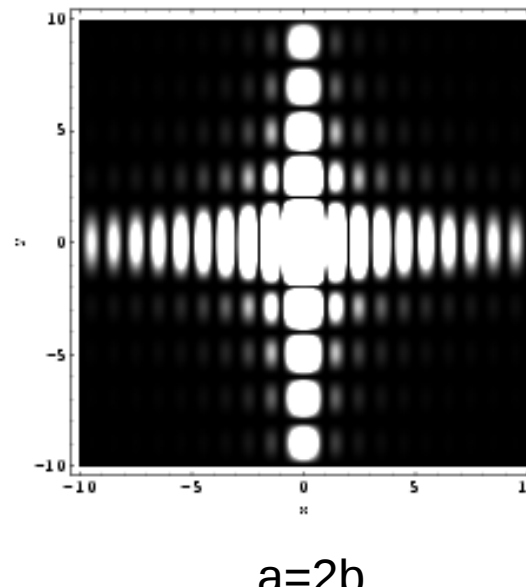
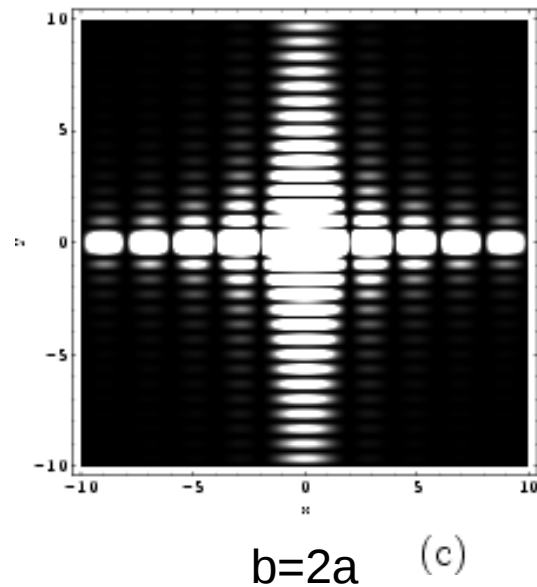
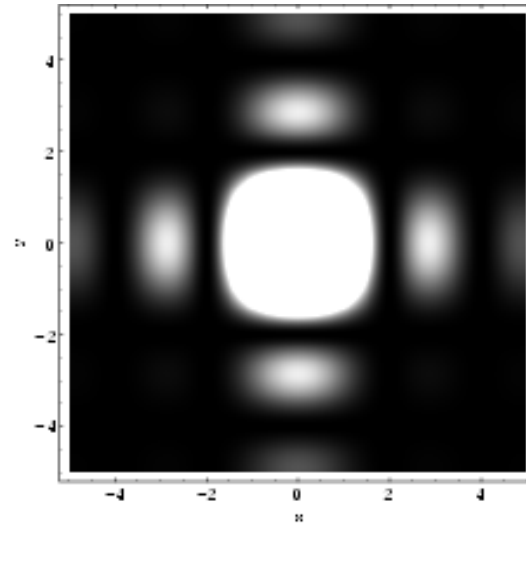
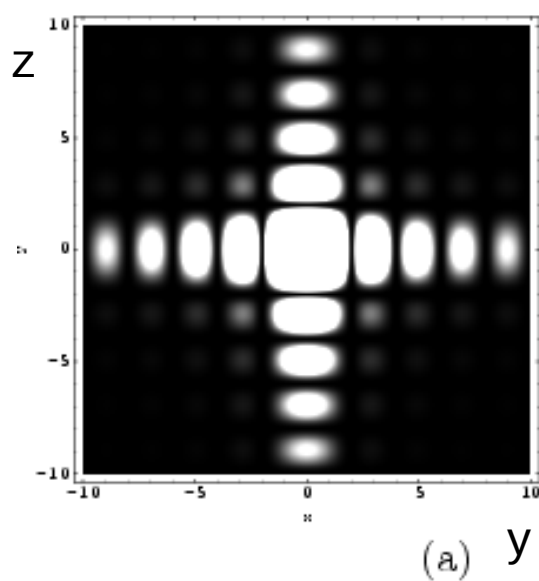
diffraction: double slit



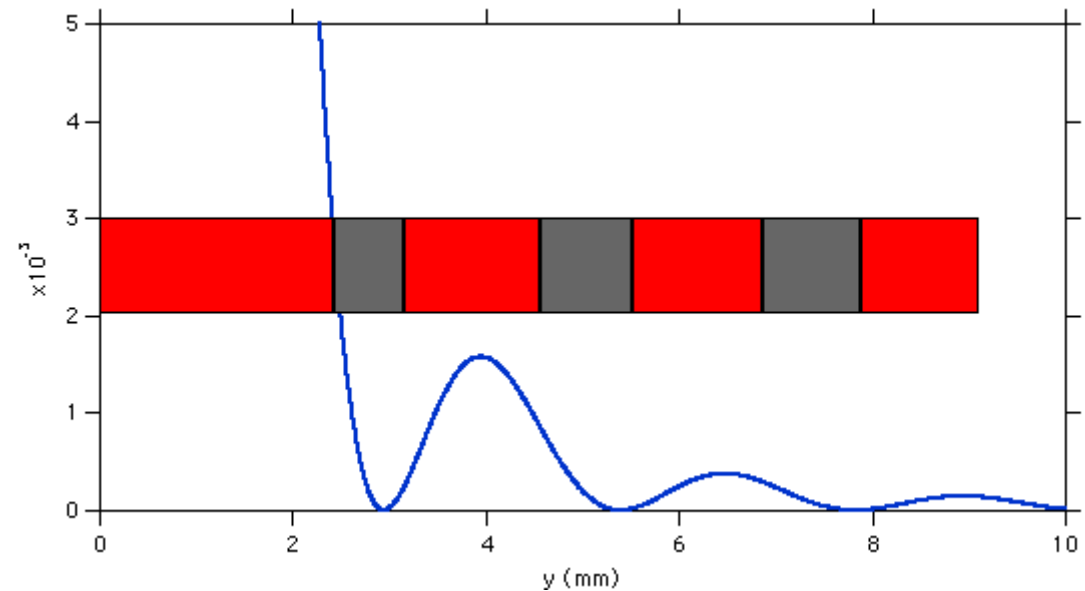
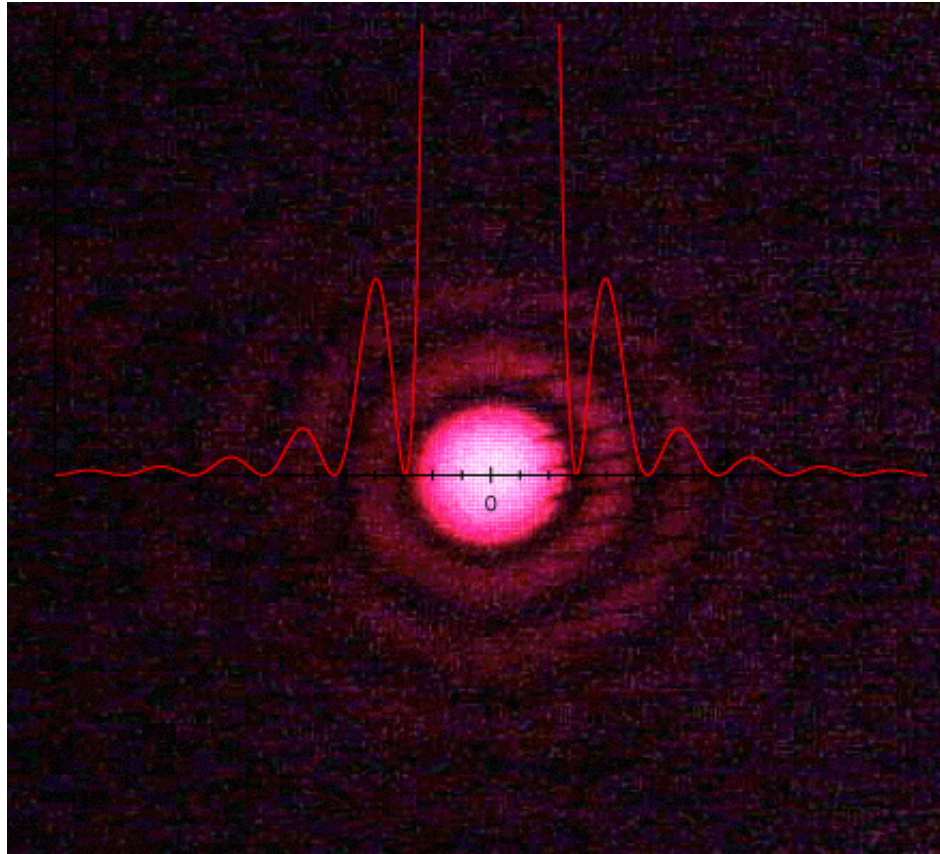
<http://www.physics.rutgers.edu/ugrad/labs/1lw.html>

http://194.95.207.53/images/theory_abb3.jpg

diffraction: rectangular aperture



diffraction: circular aperture (Airy disk)



X-ray diffraction pattern

